Bubble sort exercises

1. Use the bubble sort technique to work through the array of numbers:

Original array:	16	3	7	0	2	7	3	2	18	11	5
Pass 1:											
Pass 2:											
Pass 3:											
Pass 4:											
Pass 5:											
Pass 6:											
Pass 7:											
Pass 8:											
Pass 9:											

2. Now use the bubble sort technique to sort the list of fruit alphabetically

Original array:	date	guava	apple	cherry	banana
Pass 1:					
Pass 2:					
Pass 3:					
Pass 4:					
Pass 5:					

3. a) What do you notice about the number of passes needed to complete each sort?

b) Now try with this array of numbers (continue on the back if necessary…)

Original array:	8	3	6	7	12	14	16	76	81	79	100
Pass 1:											
Pass 2:											
Pass 3:											
Pass 4:											